

Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition
IS&R	3	("5491081") or ("6096944") or ("6162967").PN.	USPAT	2003/04/23 10:11		
BRS	23	scn and sds and soybean	USPAT	2003/04/23 10:28		
BRS	1	rhg1 and soybean	USPAT	2003/04/23 10:54		
BRS	3	Rhg4 and soybean	USPAT	2003/04/23 10:54		

4/13/2003
4/16/2003

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TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS 4 Aug 08 PHARMAMarketLetter (PHARMAML) - new on STN
NEWS 5 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)
now available on STN
NEWS 6 Aug 26 Sequence searching in REGISTRY enhanced
NEWS 7 Sep 03 JAPIO has been reloaded and enhanced
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NEWS 9 Sep 16 CA Section Thesaurus available in CAPLUS and CA
NEWS 10 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985
NEWS 11 Oct 24 BEILSTEIN adds new search fields
NEWS 12 Oct 24 Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 13 Nov 18 DKILIT has been renamed APOLLIT
NEWS 14 Nov 25 More calculated properties added to REGISTRY
NEWS 15 Dec 04 CSA files on STN
NEWS 16 Dec 17 PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS 17 Dec 17 TOXCENTER enhanced with additional content
NEWS 18 Dec 17 Adis Clinical Trials Insight now available on STN
NEWS 19 Jan 29 Simultaneous left and right truncation added to COMPENDEX,
ENERGY, INSPEC
NEWS 20 Feb 13 CANCERLIT is no longer being updated
NEWS 21 Feb 24 METADEX enhancements
NEWS 22 Feb 24 PCTGEN now available on STN
NEWS 23 Feb 24 TEMA now available on STN
NEWS 24 Feb 26 NTIS now allows simultaneous left and right truncation
NEWS 25 Feb 26 PCTFULL now contains images
NEWS 26 Mar 04 SDI PACKAGE for monthly delivery of multifile SDI results
NEWS 27 Mar 19 APOLLIT offering free connect time in April 2003
NEWS 28 Mar 20 EVENTLINE will be removed from STN
NEWS 29 Mar 24 PATDPAFULL now available on STN
NEWS 30 Mar 24 Additional information for trade-named substances without
structures available in REGISTRY
NEWS 31 Apr 11 Display formats in DGENE enhanced
NEWS 32 Apr 14 MEDLINE Reload
NEWS 33 Apr 17 Polymer searching in REGISTRY enhanced
NEWS 34 Apr 21 Indexing from 1947 to 1956 being added to records in CA/CAPLUS
NEWS 35 Apr 21 New current-awareness alert (SDI) frequency in
WPIDS/WPINDEX/WPIX

NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
NEWS HOURS STN Operating Hours Plus Help Desk Availability
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FILE 'HOME' ENTERED AT 09:07:42 ON 23 APR 2003

FILE 'AGRICOLA' ENTERED AT 09:07:46 ON 23 APR 2003

FILE 'BIOSIS' ENTERED AT 09:07:46 ON 23 APR 2003
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FILE 'CAPLUS' ENTERED AT 09:07:46 ON 23 APR 2003
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=> s Rhg4 and soybean
L1. 40 RHG4 AND SOYBEAN

```
=> dup rem l1
PROCESSING COMPLETED FOR L1
L2          18 DUP REM L1 (22 DUPLICATES REMOVED)
```

=> d ti 1-
YOU HAVE REQUESTED DATA FROM 18 ANSWERS - CONTINUE? Y/(N):y

L2 ANSWER 1 OF 18 AGRICOLA DUPLICATE 1
TI Quantitative trait loci in two soybean recombinant inbred line populations segregating for yield and disease resistance.

L2 ANSWER 2 OF 18 AGRICOLA DUPLICATE 2
TI A physical map of a gene-dense region in soybean linkage group A2 near the black seed coat and Rhg4 loci.

L2 ANSWER 3 OF 18 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI Resistance to *soybean* cyst nematode: An Xa21-like gene family
that requires possible dimerisation for signal transduction.

L2 ANSWER 4 OF 18 CAPLUS COPYRIGHT 2003 ACS
TI Nucleic acid molecules and other molecules associated with soybean
cyst nematode resistance

L2 ANSWER 5 OF 18 AGRICOLA DUPLICATE 3
TI Physical mapping of resistant and susceptible soybean genomes
near the soybean cyst nematode resistance gene Rhg4.

L2 ANSWER 6 OF 18 AGRICOLA DUPLICATE 4
TI 'Forrest' resistance to the soybean cyst nematode is bigenic:
saturation mapping of the Rhg1 and Rhg4 loci.

L2 ANSWER 7 OF 18 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI Resistance to *soybean* cyst nematode: Bigenic inheritance and
clustering with resistance to *Fusarium solani*.

L2 ANSWER 8 OF 18 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. DUPLICATE
5
TI Conversion of AFLP bands into high-throughput DNA markers.

L2 ANSWER 9 OF 18 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.

TI Evolution of resistance breakdown and gene evolution: **Soybean**
cyst nematode and **rhg1**.

L2 ANSWER 10 OF 18 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI Resistance to **soybean** cyst nematode: Bigenic inheritance and
clustering with resistance to **Fusarium solani**.

L2 ANSWER 11 OF 18 AGRICOLA DUPLICATE 6
TI High-throughput genotyping for a polymorphism linked to **soybean**
cyst nematode resistance gene **Rhg4** by using Taqman probes.

L2 ANSWER 12 OF 18 AGRICOLA DUPLICATE 7
TI Selecting **soybean** cultivars for dual resistance to
soybean cyst nematode and sudden death syndrome using two DNA
markers.

L2 ANSWER 13 OF 18 AGRICOLA
TI Targeted isolation of simple sequence repeat markers through the use of
bacterial artificial chromosomes.

L2 ANSWER 14 OF 18 AGRICOLA DUPLICATE 8
TI Molecular markers residing close to the **Rhg4** locus conferring
resistance to **soybean** cyst nematode race 3 on linkage group A of
soybean.

L2 ANSWER 15 OF 18 AGRICOLA DUPLICATE 9
TI The early **enod2** and the leghemoglobin (**lbc3**) genes segregate independently
from other known **soybean** symbiotic genes.

L2 ANSWER 16 OF 18 AGRICOLA DUPLICATE 10
TI Genetic mapping of **soybean** cyst nematode race-3 resistance loci
in the **soybean** PI 437.654.

L2 ANSWER 17 OF 18 AGRICOLA DUPLICATE 11
TI **Soybean** resistance to **soybean** cyst nematode race 3 is
conditioned by an additional dominant gene.

L2 ANSWER 18 OF 18 AGRICOLA DUPLICATE 12
TI Molecular markers located proximal to the **soybean** cyst nematode
resistance gene, **Rhg4**.

=> d 3

L2 ANSWER 3 OF 18 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN 2002:475537 BIOSIS
DN PREV200200475537
TI Resistance to **soybean** cyst nematode: An **Xa21**-like gene family
that requires possible dimerisation for signal transduction.
AU Meksem, Khalid (1); Jamai, Aziz (1); Ruben, Eliza (1); Triwitakorn,
Kanokporn (1); Ishihara, Hirofumi (1); Zobrist, Kimberly (1); Lightfoot,
David A. (1)
CS (1) Department of Plant, Soil and General Agriculture, Southern Illinois
University at Carbondale, Room 176, Carbondale, IL, 62901-4415 USA
SO Nematology, (2002) Vol. 4, No. 2, pp. 147. print.
Meeting Info.: Fourth International Congress of Nematology Programme and
Abstracts Tenerife, Canary Islands, Spain June 08-13, 2002
ISSN: 1388-5545.
DT Conference
LA English

=> d 4

L2 ANSWER 4 OF 18 CAPLUS COPYRIGHT 2003 ACS
AN 2001:526188 CAPLUS
DN 135:117954
TI Nucleic acid molecules and other molecules associated with **soybean**
cyst nematode resistance
IN Hauge, Brian M.; Wang, Ming Li; Parsons, Jeremy D.; Parnell, Laurence D.

PA Monsanto Company, USA
SO PCT Int. Appl., 1353 pp.
CODEN: PIXXD2

DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001051627	A2	20010719	WO 2001-US552	20010105
	WO 2001051627	A3	20020620		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			

PRAI US 2000-174880P P 20000107

=> d 9

L2 ANSWER 9 OF 18 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN 2001:448139 BIOSIS
DN PREV200100448139
TI Evolution of resistance breakdown and gene evolution: **Soybean**
cyst nematode and rhg1.
AU Lightfoot, D. A. (1); Ruben, E. (1); Triwitakorn, K. (1); Aziz, J. (1);
Afzal, J. (1); Meksem, K. (1); Arelli, P. R.
CS (1) Soybean Center for Excellence, Dept. Plant Soil and Gen. Ag., So. IL
Univ., Carbondale, IL, 62901: ga4082@siu.edu, ga4082@siu.edu,
ga4082@siu.edu, ga4082@siu.edu, ga4082@siu.edu USA
SO Phytopathology, (June, 2001) Vol. 91, No. 6 Supplement, pp. S169. print.
Meeting Info.: Joint Meeting of the American Phytopathological Society,
the Mycological Society of America, and the Society of Nematologists Salt
Lake City, Utah, USA August 25-29, 2001
ISSN: 0031-949X.
DT Conference
LA English
SL English

=> d 5

L2 ANSWER 5 OF 18 AGRICOLA
AN 2002:39261 AGRICOLA
DN IND23272279
TI Physical mapping of resistant and susceptible **soybean** genomes
near the **soybean** cyst nematode resistance gene **Rhg4**.
AU Lewers, K.S.; Nilmalgoda, S.D.; Warner, A.L.; Knap, H.T.; Matthews, B.F.
AV DNAL (QH431.G452)
SO Genome, Dec 2001. Vol. 44, No. 6. p. 1057-1064
Publisher: Ottawa, Ontario, Canada : National Research Council of Canada.
CODEN: GENOE3; ISSN: 0831-2796
NTE Includes references
CY Canada; Ontario
DT Article
FS Non-U.S. Imprint other than FAO
LA English
SL French

=> s rhg1 and soybean

L3 28 RHG1 AND SOYBEAN

=> dup rem 13

PROCESSING COMPLETED FOR L3

L4 16 DUP REM L3 (12 DUPLICATES REMOVED)

=> d ti 1-

YOU HAVE REQUESTED DATA FROM 16 ANSWERS - CONTINUE? Y/(N):y

L4 ANSWER 1 OF 16 AGRICOLA DUPLICATE 1
TI Quantitative trait loci in two **soybean** recombinant inbred line populations segregating for yield and disease resistance.

L4 ANSWER 2 OF 16 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI Resistance to **soybean** cyst nematode: An Xa21-like gene family that requires possible dimerisation for signal transduction.

L4 ANSWER 3 OF 16 CAPLUS COPYRIGHT 2003 ACS
TI Nucleic acid molecules and other molecules associated with **soybean** cyst nematode resistance

L4 ANSWER 4 OF 16 AGRICOLA DUPLICATE 2
TI Physical mapping of resistant and susceptible **soybean** genomes near the **soybean** cyst nematode resistance gene Rhg4.

L4 ANSWER 5 OF 16 AGRICOLA DUPLICATE 3
TI 'Forrest' resistance to the **soybean** cyst nematode is bigenic: saturation mapping of the Rhg1 and Rhg4 loci.

L4 ANSWER 6 OF 16 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI Resistance to **soybean** cyst nematode: Bigenic inheritance and clustering with resistance to *Fusarium solani*.

L4 ANSWER 7 OF 16 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI Effect of the rhg1 gene on life cycle of the **soybean** cyst nematode.

L4 ANSWER 8 OF 16 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. DUPLICATE 4
TI Conversion of AFLP bands into high-throughput DNA markers.

L4 ANSWER 9 OF 16 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI Evolution of resistance breakdown and gene evolution: **Soybean** cyst nematode and rhg1.

L4 ANSWER 10 OF 16 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI Resistance to **soybean** cyst nematode: Bigenic inheritance and clustering with resistance to *Fusarium solani*.

L4 ANSWER 11 OF 16 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI Effect of the rhg1 gene on life cycle of the **soybean** cyst nematode.

L4 ANSWER 12 OF 16 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI Functional genomics analysis of metabolic pathways conferring partial disease resistance.

L4 ANSWER 13 OF 16 AGRICOLA DUPLICATE 5
TI Selecting **soybean** cultivars for dual resistance to **soybean** cyst nematode and sudden death syndrome using two DNA markers.

L4 ANSWER 14 OF 16 AGRICOLA
TI Targeted isolation of simple sequence repeat markers through the use of bacterial artificial chromosomes.

L4 ANSWER 15 OF 16 AGRICOLA DUPLICATE 6
TI Two simple sequence repeat markers to select for **soybean** cyst nematode resistance conditioned by the rhg1 locus.

L4 ANSWER 16 OF 16 CAPLUS COPYRIGHT 2003 ACS
TI *Aspergillus rhamnogalacturonase*, its manufacture with recombinant cells, and its use in plant cell wall degradation

=> d 5

L4 ANSWER 5 OF 16 AGRICOLA DUPLICATE 3
AN 2002:45277 AGRICOLA
DN IND23277590
TI 'Forrest' resistance to the soybean cyst nematode is bigenic:
saturation mapping of the R_{hg1} and R_{hg4} loci.
AU Meksem, K.; Pantazopoulos, P.; Njiti, V.N.; Hyten, L.D.; Arelli, P.R.;
Lightfoot, D.A.
AV DNAL (442.8 Z8)
SO Theoretical and applied genetics, Oct 2001. Vol. 103, No. 5. p. 710-718
Publisher: Berlin; Springer-Verlag
CODEN: THAGA6; ISSN: 0040-5752
NTE Includes references
CY West Berlin
DT Article
FS Non-U.S. Imprint other than FAO
LA English

=> d 3

L4 ANSWER 3 OF 16 CAPLUS COPYRIGHT 2003 ACS
AN 2001:526188 CAPLUS
DN 135:117954
TI Nucleic acid molecules and other molecules associated with soybean
cyst nematode resistance
IN Hauge, Brian M.; Wang, Ming Li; Parsons, Jeremy D.; Parnell, Laurence D.
PA Monsanto Company, USA
SO PCT Int. Appl., 1353 pp.
CODEN: PIXXD2

DT Patent
LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001051627	A2	20010719	WO 2001-US552	20010105
	WO 2001051627	A3	20020620		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			

PRAI US 2000-174880P P 20000107

=> d his

(FILE 'HOME' ENTERED AT 09:07:42 ON 23 APR 2003)

FILE 'AGRICOLA, BIOSIS, CAPLUS, EMBASE' ENTERED AT 09:07:46 ON 23 APR 2003

L1 40 S R_{HG4} AND SOYBEAN
L2 18 DUP REM L1 (22 DUPLICATES REMOVED)
L3 28 S R_{HG1} AND SOYBEAN
L4 16 DUP REM L3 (12 DUPLICATES REMOVED)

=> s (scn (a) sds) and soybean
L5 1 (SCN (A) SDS) AND SOYBEAN

=> d

L5 ANSWER 1 OF 1 AGRICOLA
AN 97:63498 AGRICOLA
DN IND20590165
TI Integration of SDS, SCN race 3 and SCN race 14
resistance QTL with the soybean genome map.

AU Abu-Thredeih, J.; Chang, S.J.C.; Doubler, T.W.; Lightfoot, D.A.
CS Southern Illinois University, Carbondale, IL.
AV DNAL (ASB205.S7S6)
SO Soybean genetics newsletter, May 1996. Vol. 23 p. 158-162
Publisher: Ames, Iowa : Agricultural Research Service, USDA and Dept. of
Agronomy and Dept. of Zoology, Iowa State University.
ISSN: 1054-2116
NTE Includes references
CY Iowa; United States
DT Article
FS USDA
LA English

=> FIL STNGUIDE
COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE FILE ENTRY	TOTAL SESSION
31.49	31.70

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FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Apr 18, 2003 (20030418/UP).

=>

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FULL ESTIMATED COST

SINCE FILE ENTRY	TOTAL SESSION
1.38	33.08

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